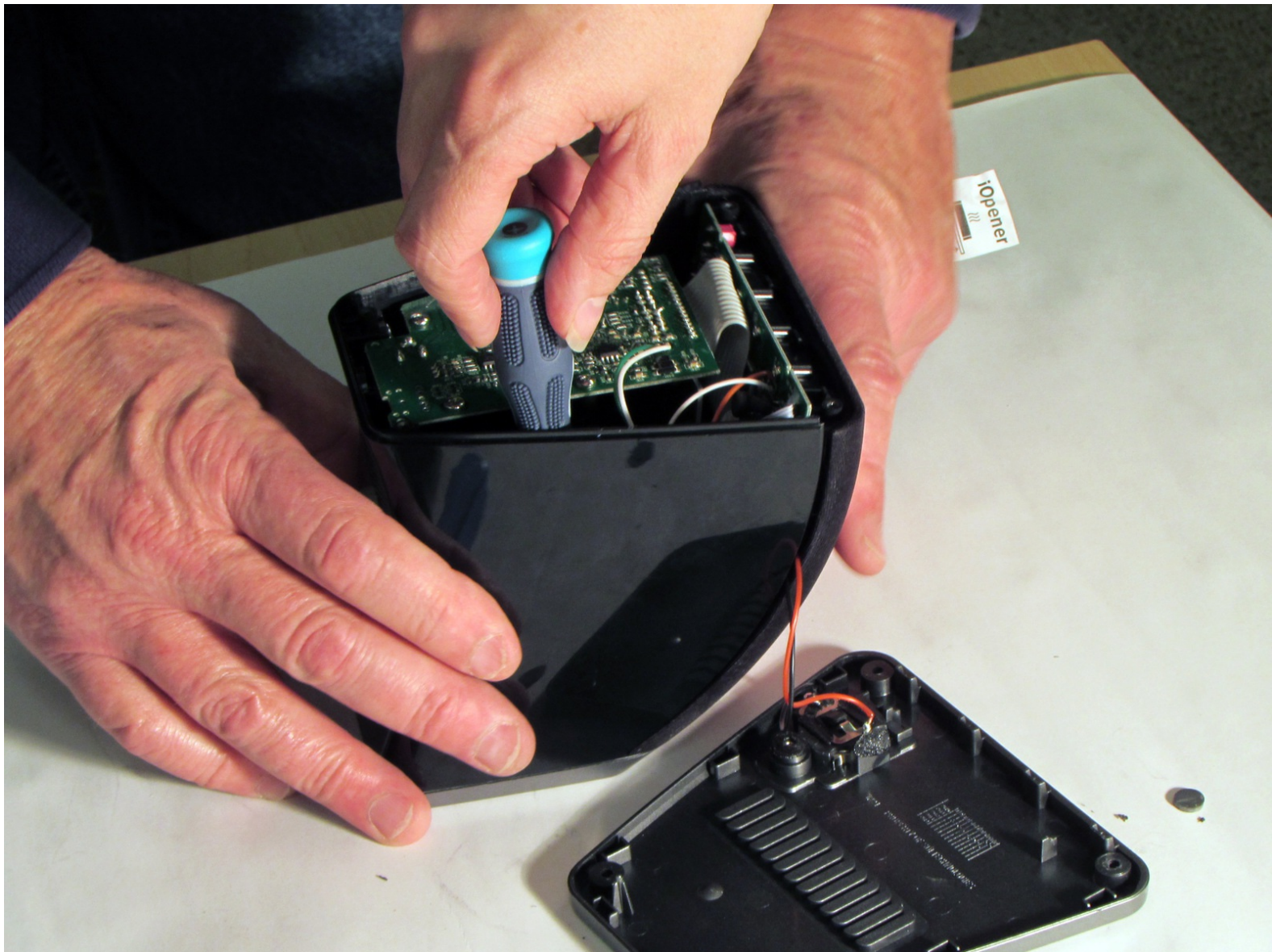




# iHome iP21 Motherboard Replacement

Replacing the main (largest) circuit board of the iP21 is a quick and easy process.

Written By: Brandy



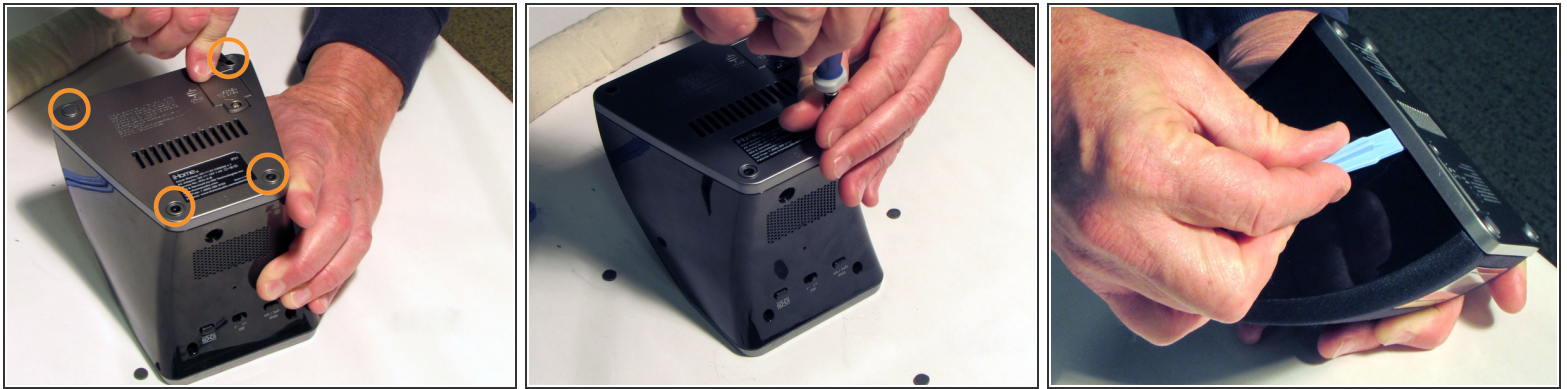


## TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [Phillips #2 Screwdriver](#) (1)
  - [Spudger](#) (1)
  - [Soldering Station](#) (1)
-

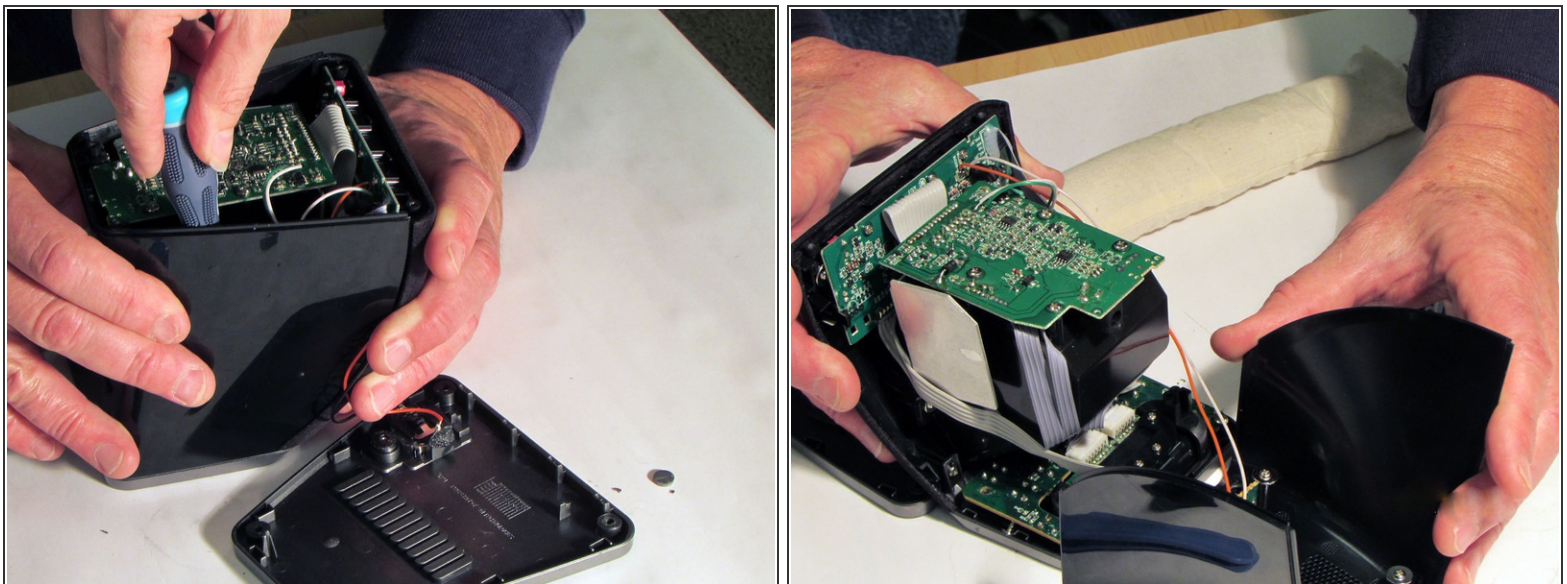


## Step 1 — Base



- Pry the four rubber feet from the bottom of the iP21 to expose four 11mm screws.
- Unscrew the four 11mm screws from the base.
- Pry the base loose using the spudger.
- Remove the base by hand.

## Step 2 — Housing



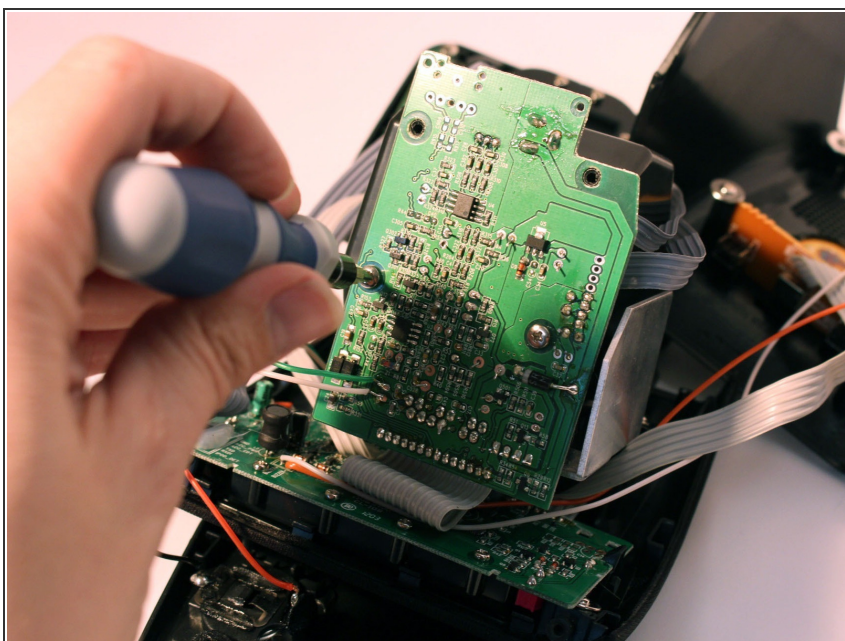
- Remove the two black 6mm screws connecting the main circuit board to the housing top.
- Grasp front housing and back housing firmly.
- Gently pull front housing from the back housing.

## Step 3 — Circuit board



- Follow the prerequisite guide to remove the main housing.

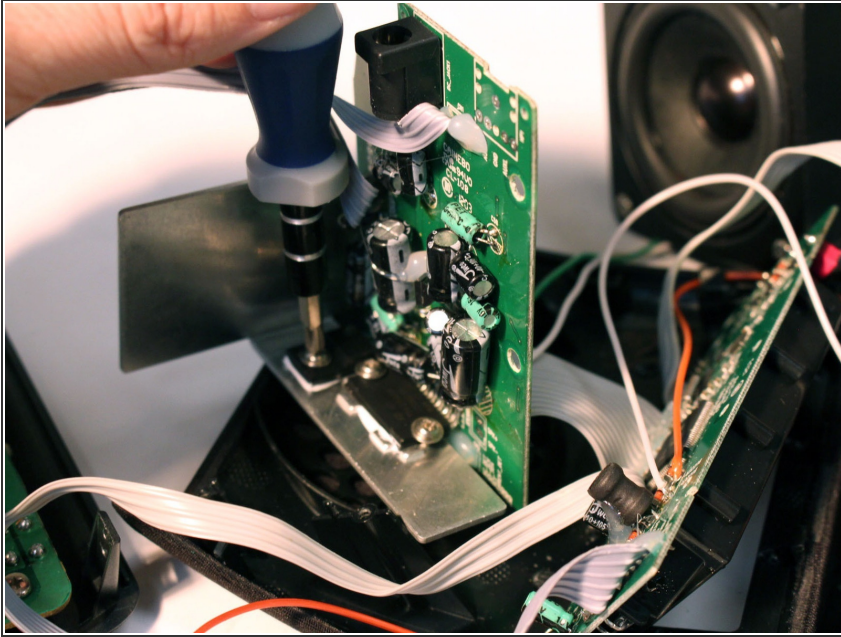
## Step 4 — Circuit board mount



- Remove the two 7mm screws from the circuit board

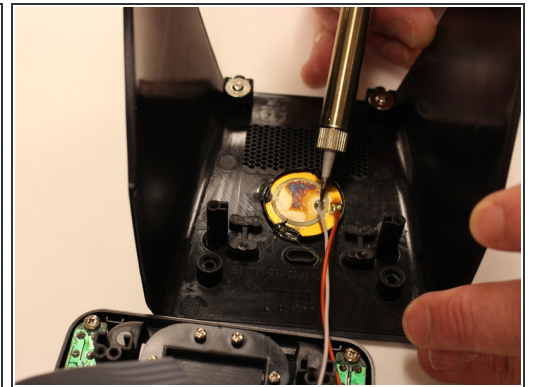
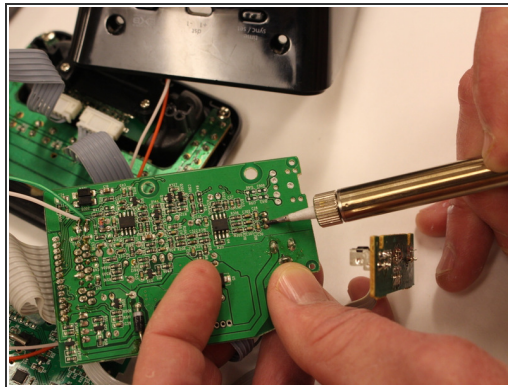
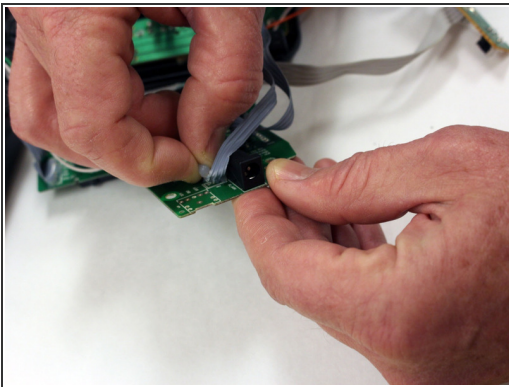


## Step 5 — Mounting Bracket



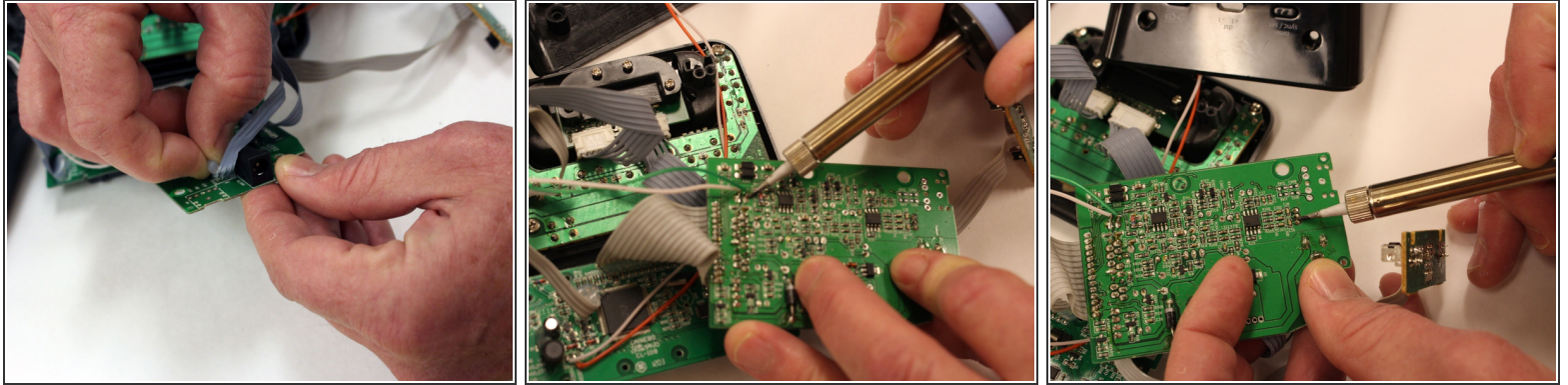
- Remove the three 6mm screws to detach the circuit board from metal mounting bracket.

## Step 6 — Cables



- Peel the glue from each of the three ribbon cable connections.
- Remove the solder joints from the back of each ribbon cable.
- Remove the ground wires by removing the solder joints on the back of the housing.

## Step 7 — Detach cables from circuit board



- Remove glue from 3 ribbon cables from circuit board using fingers
- Detach speaker cables from circuit board with soldering iron
- Remove 3 ribbon cables with soldering iron

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-22 10:10:30 PM.